

Figure 1C

Amino Acid Sequences of V_L of Selected Anti-VEGF Antibodies

SEQ ID NO:1
DIQMTQSPSSLSASVGDRVTITCSASQDISNYLWNWYQQKPKGKAPKVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTISLQPEDFATYYCQQYSTVPWTFGQGTKVEIK

SEQ ID NO:2
DIELTQSPSSLSVAGDRVTISCSASQDISNYLWNWYQQKPKGKAPRVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTISLQPEDVAVYYCQQYSTVPWTFGQGTKVEIK

SEQ ID NO:3
DIELTQSPSSLSVTPGERATITCSASQDISNYLWNWYQQKPKGKAPQVLIYFTSSLHSGVPSRFSGSGSGTDFTLTISLQAEFDAIYYCQQYSTVPWTFGQGTKVEIK

SEQ ID NO:4
DIELTQSPSSLSVTPGERATITCSASQDISNYLWNWYQQKPKGQAPQLLIYFTSSLHSGVPSRFSGSGSGTDFTLTISRLQAEADVAVYYCQQYSTVPWTFGQGTKVEIK

SEQ ID NO:5
DIEMTQSPSSLSASLGERVTISCSASQDISNYLWNWYQQKPKGKAPHLLIIYFTSSLHSGVPSRFSGSGSGTDFTLTISLQAEFDAIYYCQQYSTVPWTFGQGTKVEIK

SEQ ID NO:6
DIVMTQSPSSLSATPGERVTITCSASQDISNYLWNWYQQKPKGQAPRVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTISLQPEDVAVYYCQQYSTVPWTFGQGTKVEIK

SEQ ID NO:7
DIVMTQSPSSLSATPGERVTISCSASQDISNYLWNWYQQKPKGKAPSLIVYFTSSLHSGVPSRFSGSGSGTDFTLTISRLQAEFDAIYYCQQYSTVPWTFGQGTKVEIK

SEQ ID NO:8
DIVLTQSPSSLSATPGERVTISCSASQDISNYLWNWYQQKPKGQAPQLLIYFTSSLHSGVPSRFSGSGSGTDFTLTISLQAEADVATYYCQQYSTVPWTFGQGTKVEIK

SEQ ID NO:9
DIVLTQSPSSLSATPGERATITCSASQDISNYLWNWYQQKPKGKAPHLLIIYFTSSLHSGVPSRFSGSGSGTDFTLTISLQAEFDAIYYCQQYSTVPWTFGQGTKVEIK

SEQ ID NO:10
DIEMTQSPSSLSATPGERVTITCSASQDISNYLWNWYQQKPKGKAPRVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTISRLQPEDVATYYCQQYSTVPWTFGQGTKVEIK

SEQ ID NO:11
DIEMTQSPSSLSVTPGDRVTITCSASQDISNYLWNWYQQKPKGKAPHLLIIYFTSSLHSGVPSRFSGSGSGTDFTLTISRLQPEDFATYYCQQYSTVPWTFGQGTKVEIK

SEQ ID NO:12
DIEMTQSPSSLSATLGERVTISCSASQDISNYLWNWYQQKPKGKAPHLLIIYFTSSLHSGVPSRFSGSGSGTDFTLTISRLQAEADVATYYCQQYSTVPWTFGQGTKVEIK



Figure 1C-cont.

SEQ ID NO:13

DIEMTQSPSSLASVGDRVTITCSASQDISNYLNWYQQKPGQAPRVLIYFTSSLHSGVPDRFSGSGGTDFTLTISSLQAEDFVYYCQQYSTVPWTFGGGTKVEIK

SEQ ID NO:14

DIQLTQSPSSLASAGDRVTISCSASQDISNYLNWYQQKPGKAPQLLIYFTSSLHSGVPSRFSGSGGTDFTLTISSLQPEDFATYYCQQYSTVPWTFGGGTKVEIK

SEQ ID NO:15

DIVMTQSPSSLASPGERATISCNASQSIGTYLAWYQQKPGQAPQVLIYGASNLAGVPGFRFSGSGGTDFTLTISSLQPEDFVYYCQQYNSKPWTFGGGTKVEIK

SEQ ID NO:16

DIVMTQSPSSLASPGERATISCRASQSISSYLAWYQQKPGQAPQVLIYGASNLAGVPNRFRFSGSGGTDFTLTISSLQPEDFVYYCQQYSSSPWTFGGGTKVEIK

SEQ ID NO:17

DIVMTQSPSSLASPGERATITCHASQSIGTYLAWYQQKPGQAPHVLIYGASNLAGVPNRFRFSGRSRGTDFTLTISSLQDDFVYYCQQYNSSTPWTFGGGTKVEIK

SEQ ID NO:18

DIVMTQSPSSLASPGERATITCHASQSISTYLAWYQQKPGQAPQVLIYDASNLAGVPGFRFSGSGGTDFTLTISSLQPEDFVYYCQQYNSAPWTFGGGTKVEIK

SEQ ID NO:19

DIVMTQSPSSLASPGERATITCKASQSIGTYLAWYQQKPGQAPRVLIYDASNLAGVPNRFRFSGRSRGTDFTLTISSLQPEDFVYYCQQYSSSTPYTFGGGTKVEIK

SEQ ID NO:20

DIKMTQSPSSLASPGERATISCKASQSIGSYLAWYQQKPGQAPSVLIYAAASNLAGVPNRFRFSGRSRGTDFTLTISSLQPEDFVYYCQQYYSGPWTFGGGTKVEIK

SEQ ID NO:21

DIKMTQSPSSLASPGERATITCNASQSISTYLAWYQQKPGQAPKVLIIYGASNLAGVPNRFRFSGSGGTDFTLTISSLQPEDFVYYCQQYNSAPWTFGGGTKVEIK

SEQ ID NO:22

DIVMTQSPSTLSASPGERATISCKASQSIGSYLAWYQQKPGQAPRVLIYSASNLAGVPSRFSGRSRGTDFTLTISSLQPEDFVYYCQQYNSSTPWTFGGGTKVEIK

SEQ ID NO:23

DIVMTQSPSTLSASPGERATISCKASQSIGTYLAWYQQKPGQAPRVLIYDASNLAGVPNRFRFSGRSRGTDFTLTISSLQPEDFVYYCQQYYSTPWTFGGGTKVAIK

SEQ ID NO:24

DIVMTQSPSTLSASPGERATISCKASQSIGTYLAWYQQKPGQAPRVLIYSASNLAGVPNRFRFSGSGGTDFTLTISSLQPEDFVYYCQQYSSSTPWTFGGGTKVEIK

Figure 1C-cont.

SEQ ID NO: 25
DIVMTQSPSTLSASPGERATITCHASQSISSYLAWYQQKPGQAPNVLIIYGASNLAGVPSRSGTDFTLTISSLQPEDFAVYYCQYNSPTWTFGGGKVEIK

SEQ ID NO: 26
DIVMTQSPSTLSASPGERATITCHASQSISSYLAWYQQKPGQAPRVLIIYGASNLAGVPSRSGSGTDFTLTISSLQPEDFAVYYCQYNSAPWTFGGGKVEIK

SEQ ID NO: 27
DIVMTQSPSTLSASPGERATITCKASQSISSYLAWYQQKPGQAPQVLIYDASNLAGVPSRSGSGTDFTLTISSLQPEDFAVYYCQYNSAPWTFGGGKVEIK

SEQ ID NO: 28
DIVMTQSPSTLSASPGERATITCNASQSIGSYLAWYQQKPGQAPKVLIIYGASNLAGVPSRSGSGTDFTLTISSLQPEDFAVYYCQYNSPTWTFGGGKLEIK

SEQ ID NO: 29
DIVMTQSPSTLSASPGERATITCNASQSIGTYLAWYQQKPGQAPNLLIYDASNLAGVPSRSGSGTDFTLTISSLQPEDFAVYYCQYSSPTWTFGGGKVEIK

SEQ ID NO: 30
DIVMTQSPSTLSASPGERATITCNASQSIGTYLAWYQQKPGQAPNVLIIYDASNLAGVPSRSGSGTDFTLTISSLQPEDFAVYYCQYNSAPWTFGGGKVEIK

SEQ ID NO: 31
DIVMTQSPSTLSASPGERATITCNASQSISSYLAWYQQKPGQAPRVLIIYGASNLAGVPSRSGSGTDFTLTISSLQPEDFAVYYCQYNSPTWTFGGGKVEIK

SEQ ID NO: 32
DIVMTQSPSTLSASPGERATITCQASQSISSYLAWYQQKPGQAPKVLIIYDASNLAGVPSRSGSGTDFTLTISSLQPEDFAVYYCQYNSPTWTFGGGKVEIK

SEQ ID NO: 33
DIVMTQSPSTLSASPGERATITCRASQSISSYLAWYQQKPGQAPRLLIYSASNLAGVPSRSGSGTDFTLTISSLQPEDFAVYYCQYNSPTWTFGGGKVEIK

SEQ ID NO: 34
DIVMTQSPSTLSASPGERATITCSASQSIGTYLAWYQQKPGQAPSVLIYGASNLAGVPSRSGSGTDFTLTISSLQAEDEFAVYYCQYNSAPWTFGGGKVEIK

SEQ ID NO: 35
DIVMTQSPSTLSASPGERATITCSASQSISSYLAWYQQKPGQAPQVLIYAASNLAGVPSRSGSGTDFTLTISSLQPEDFAVYYCQYNSPTWTFGGGKVEIK

SEQ ID NO: 36
AIRMTQSPSSVASVGDVTIACRASQAIRNDLTIWYQQKPGTAPKLLIYGATTLQSGVPSRSGSGTDFTLTISSLQPEDFATYYCQSSSTPTWTFGGGKVDIK

SEQ ID NO: 37
DIVMTQTPSSLASVGDVTITCRASDIRNDLAWYQQKPGKAPPELLIYAASSLQSGVPSRSGSGTDFTLTISSLQPEDFATYYCQSSYSTPTWTFGGGKVDIK

Figure 1C-cont.

SEQ ID NO: 38

EIVLTQSPSSLSASIGDRVAITCRASRDITTDLAWYQQIPGKAPKLLIYAASRLQSGVPSRFSGSGSGTDFTLTISSLQPEDFAAYYCQQSYSTPWTFGQGTKVDIK

SEQ ID NO: 39

EIVLTQSPSSLSASVGDRTITTCRASDIRDDLAWEYQQKPGKAPKVLIIYAASSLQSGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSYSTPWTFGQGTKLEIK

SEQ ID NO: 40

EIVLTQSPSSLSASVGDRTITTCRASQISISTYINWYQQKPGKAPKLLIYAASSLQSGVTSRFSGSGSGTDFTLTIRSLQPEDFATYYCQQSYSTPWTFGQGTKVEIK

SEQ ID NO: 41

EIVMTQSPSSLSASVGDRTITTCRASQAIYDYLAWEYQQKPGKAPNLLIYAASRLQSGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSYSTPWTFGQGTKVDIK

SEQ ID NO: 42

EIVMTQSPSSLSASVGDRTITTCRASQDIRKDLAWYQQKPGIAPKVLIIYAASTLQSGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSYSPPTWTFGQGTKLEIK

SEQ ID NO: 43

EIVMTQSPSSLSASVGDRTITTCRASQISISTYINWYQQKPGKAPKLLIYAASSLQSGVTSRFSGSGSGTDFTLTIRSLQPEDFATYYCQQSYSTPWTFGQGTKVEIK

SEQ ID NO: 44

EIVMTQSPSSLSASVGDVTVTIACRASDIRNDLAWEYQQKPGKAPKLLIYAASRLQSGVPSRFSGSGSGTDFTLTISSLQPEDSASYCQQSYTIPWTFGQGTKLEIK

SEQ ID NO: 45

ETTLTQSPSSLSASVGDITITISCRSSQPIITNDLAWEYQQKPGKAPNLLIYAASRLQSGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSYSTPWTFGQGTKVEIK

SEQ ID NO: 46

LPVLTQPPSASGTPGQRTVISCSTGTSNIGSNPVNWWYQQLPGTAPKLLIYSNNQRPSPGVDPRLSGSKSGTSASLAISGLLSEDEADYYCASWDDSLTGYYVFGTGTQLTVL

SEQ ID NO: 47

LPVLTQPPSASGTPGQRTVISCSTGTSNIGSNVAVNWWYQQLPGAAPKVLMTNNQRPSPGVDPDRFSGSKSGTSASLAISGLRSEDEADYYCAAWDDSLNGYYVFGTGTKLTVL

SEQ ID NO: 48

NFMLTQPPSTSGTPGQRTVISCSTGTSNIGSNVSWYQQLPGTAPKVLMTNNQRPSPGVPERFSGSKSGTSASLAISGLQSEDEADYYCAAWDDSLNGYYVFGTGTKLTVL

SEQ ID NO: 49

QAVLTQPPSASGTPGQSVTISCSTGTSNIGSNVNWYQQLPGTAPKVLIIYGNDRPSPGVDPDRFSGRSRATSASLAISGLQSEDEADYYCAAWDDSLSGYYVFGAGTQLTVL

Figure 1C-cont.

SEQ ID NO: 50
QPVLTPPPSASATPGQRVTISCSGSSSNIGSNP VNWYQQLPGTAPKVLIIYNNQRP SGVPDRFSGSKSGTSASLAISGLQSEDEADYYCAA WDDSLSGYVFGTGTKL
TVL

SEQ ID NO: 51
QPVLTPPPSASGTPGQRVTISCSGSSSNVGRNTVNWYQQFPGTAPKFLMYGNDERPSGVDPDRFSGSKSGTSASLAISGLQSEDEADYYCATWDDSLNGYVFGTGTL
TVL

SEQ ID NO: 52
QPVLTPPPSTSGTPGQRVTISCSGSSSNIGSNSVTWYQQLPGTAPKVLMYTNNQRP SGVPERFSGSKSGTSASLAISGLQSEDEADYYCAA WDDSLSGYVFGTGTKL
TVL

SEQ ID NO: 53
QSVLTQPPSASGTPGQRVTISCSGSSSNIGSNNVWYQQFPGTAPKVLIIYGNQRP SGVPDRFSGSKSGTSASLAISGLQSEDEADYYCGAWDDSLNGYVFGTGTKL
TVL

SEQ ID NO: 54
QSALTQPPSVSGAPGQRVTISCTGRSSNIGAGHDVHWYQQLPGTAPKLLIYANDQRP SGVPDRFSDSKSGTSASLGISGLRSEDEADYFCATWDDSLHG YVFGTGTK
VTVL

SEQ ID NO: 284
DIQMTQTTSSLASLGD RVIISCSASQDI SNYLNWYQQKPDGTVKVLIIYFTSSLHSGVPSRFSGSGGTDYSLTISNLEPEDIATYYCQQYSTVPWTFGGGKLEIK

Figure 1C-cont.

Amino Acid Sequences of V_L/CDR1 of Selected Anti-VEGF Antibodies

SEQ ID NO:164	NASQSIGTYLA
SEQ ID NO:165	KASQSIGTYLA
SEQ ID NO:166	HASQSISSYLA
SEQ ID NO:167	SASQSISTYLA
SEQ ID NO:168	RASQSISTYLA
SEQ ID NO:169	KASQSIGSYLA
SEQ ID NO:170	HASQSISTYLA
SEQ ID NO:171	RASQSISSYLA
SEQ ID NO:172	NASQSIGSYLA
SEQ ID NO:173	SASQSIGTYLA
SEQ ID NO:174	KASQSISTYLA
SEQ ID NO:175	NASQSISTYLA
SEQ ID NO:176	HASQSIGTYLA
SEQ ID NO:177	QASQSISTYLA
SEQ ID NO:178	RASQSISTYIN
SEQ ID NO:179	RASRDIRNDLA
SEQ ID NO:180	RASRDITDLA
SEQ ID NO:181	RASQDIRKDLA
SEQ ID NO:182	RASQAIRNDLT
SEQ ID NO:183	RASQAIYDYL
SEQ ID NO:184	RSSQPITNDLA
SEQ ID NO:185	RASRDIRDDLA
SEQ ID NO:186	SGSSSNVGRNTVN
SEQ ID NO:187	SGSTSNIGSNPVN
SEQ ID NO:188	TGRSSNIGAGHDVH
SEQ ID NO:189	SGSNSNIGSNNVY
SEQ ID NO:190	SGSYSNIGSNAVN
SEQ ID NO:191	SGTTSNIGSNSVN
SEQ ID NO:192	SGSSSNIGSNSVT
SEQ ID NO:193	SGSTSNIGSNSVT
SEQ ID NO:194	SGSSSNIGSNPVN

Figure 1C-cont.

Amino Acid Sequences of V₁/CDR2 of Selected Anti-VEGF Antibodies

SEQ ID NO:195 GASNLAS
SEQ ID NO:196 DASNLAS
SEQ ID NO:197 SASNLAS
SEQ ID NO:204 AASNLAS
SEQ ID NO:198 AASSLQS
SEQ ID NO:199 AASRLQS
SEQ ID NO:200 AASTLQS
SEQ ID NO:201 GATTLQS
SEQ ID NO:202 AASRLQG
SEQ ID NO:203 GNDERPS
SEQ ID NO:205 ANDQRPS
SEQ ID NO:206 GNNQRPS
SEQ ID NO:207 TNNQRPS
SEQ ID NO:208 GNDQRPS
SEQ ID NO:209 SNNQRPS

Amino Acid Sequences of V₁/CDR3 of Selected Anti-VEGF Antibodies

SEQ ID NO:210 QQYNSKPWT
SEQ ID NO:211 QQYSSTPYT
SEQ ID NO:212 QQYNSTPWT
SEQ ID NO:213 QQYYSTPWT
SEQ ID NO:214 QQYNSAPWT
SEQ ID NO:215 QQYSSSPWT
SEQ ID NO:216 QQYSGPWT
SEQ ID NO:217 QQYSSTPWT
SEQ ID NO:218 QQYYSAPWT
SEQ ID NO:219 QQSYSTPWT
SEQ ID NO:220 QQSYSPPTWT
SEQ ID NO:221 QQSYTIPWT
SEQ ID NO:222 QQSSTTPWT
SEQ ID NO:223 ATWDDSLNGYV
SEQ ID NO:224 ASWDDSLTGYV
SEQ ID NO:225 ATWDDSLHGYV
SEQ ID NO:226 GAWDDSLNGYV
SEQ ID NO:227 AAWDDSLNGYV
SEQ ID NO:228 AAWDDSLSGYV

Figure 1C-cont.

Amino Acid Sequences of V_H/FRs of Selected Anti-VEGF Antibodies

SEQ ID NOS 229 and 351-353
DIVMTQSPSSLSASPGERATISC/CDR1/WYQQKPGQAPQVLIY/CDR2/GVPGRFSGSGSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 230, 354-355 and 353
DIVMTQSPSSLSASPGERATITC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPNRFSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 231, 356-357 and 353
DIVMTQSPSTLSASPGERATITC/CDR1/WYQQKPGQAPNVLIIY/CDR2/GVPDRFSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 232, 351, 355 and 353
DIVMTQSPSTLSASPGERATITC/CDR1/WYQQKPGQAPQVLIY/CDR2/GVPNRFSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 233, 358, 355 and 353
DIVMTQSPSTLSASPGERATITC/CDR1/WYQQKPGQAPRLLIY/CDR2/GVPNRFSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 234, 354, 359 and 353
DIVMTQSPSTLSASPGERATISC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPSRFSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 235, 354, 360 and 353
DIVMTQSPSTLSASPGERATITC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPNRFSGSGSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 236, 351, 360 and 353
DIVMTQSPSSLSASPGERATISC/CDR1/WYQQKPGQAPQVLIY/CDR2/GVPNRFSGSGSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 237, 361, 359 and 362
DIVMTQSPSTLSASPGERATITC/CDR1/WYQQKPGQAPKVLIIY/CDR2/GVPSRFSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKLEIK

SEQ ID NOS 238, 363, 355 and 353
DIKMTQSPSSLSASPGERATISC/CDR1/WYQQKPGQAPSVLIY/CDR2/GVPNRFSGRSRGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 239, 363-364 and 353
DIVMTQSPSTLSASPGERATITC/CDR1/WYQQKPGQAPSVLIY/CDR2/GVPGRFSGSGSGTDFTLTISLQAEDEFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 240 and 351-353
DIVMTQSPSSLSASPGERATITC/CDR1/WYQQKPGQAPQVLIY/CDR2/GVPGRFSGSGSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

Figure 1C-cont.

SEQ ID NOS 241, 351, 360 and 353
DIVMTQSPSTLSASPERATITC/CDR1/WYQQKPGQAPQVLIY/CDR2/GVPNRFSGSGSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 242, 354, 360 and 353
DIVMTQSPSTLSASPERATISC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPNRFSGSGSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 243, 354, 365 and 353
DIVMTQSPSTLSASPERATITC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPSRFSGSGSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 244, 366-367 and 353
DIVMTQSPSTLSASPERATITC/CDR1/WYQQKPGQAPNLLIY/CDR2/GVPGRFSGRSRSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 245, 368-369 and 353
DIVMTQSPSSLSASPERATITC/CDR1/WYQQKPGQAPHVLIY/CDR2/GVPNRFSGRSRSGTDFTLTISLQPDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 246, 354-355 and 370
DIVMTQSPSTLSASPERATISC/CDR1/WYQQKPGQAPRVLIY/CDR2/GVPNRFSGRSRSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVAIK

SEQ ID NOS 247, 361 and 352-353
DIVMTQSPSTLSASPERATITC/CDR1/WYQQKPGQAPKVLIIY/CDR2/GVPGRFSGSGSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 248, 356, 359 and 353
DIVMTQSPSTLSASPERATITC/CDR1/WYQQKPGQAPNVLIIY/CDR2/GVPSRFSGRSRSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 249, 361, 360 and 353
DIKMTQSPSSLSASPERATITC/CDR1/WYQQKPGQAPKVLIIY/CDR2/GVPNRFSGSGSGTDFTLTISLQPEDFAVYYC/CDR3/FGGGTKVEIK

SEQ ID NOS 250 and 371-373
EIVMTQSPSSLSASVGDRTITC/CDR1/WYQQKPGKAPKLLIY/CDR2/GVTSRFSGSGSGTDFTLTIRSLQPEDFATYYC/CDR3/FGQGTKVEIK

SEQ ID NOS 251 and 374-376
DIVMTQTPSSLSASVGDVTITC/CDR1/WYQQKPGKAPPELLIY/CDR2/GVPSRFSGSGSGTDFTLTISLQPEDFATYYC/CDR3/FGQGTKVDIK

SEQ ID NOS 252, 377-378 and 376
EIVLTQSPSSLSASIGDRVAITC/CDR1/WYQIIPGKAPKLLIY/CDR2/GVPSRFSGSGSGTDFTLTISLQPEDFAAAYC/CDR3/FGQGTKVDIK

SEQ ID NOS 253 and 371-373
EIVLTQSPSSLSASVGDRTITC/CDR1/WYQQKPGKAPKLLIY/CDR2/GVTSRFSGSGSGTDFTLTIRSLQPEDFATYYC/CDR3/FGQGTKVEIK

Figure 1C-cont.

SEQ ID NOS 254, 379, 375 and 380
EIVMTQSPSSLSASVGDRTITC/CDR1/WYQQKPGIAPKVLIIY/CDR2/GVPSRFSGSGGTDFTLTISSLPEDFATYYC/CDR3/FGQGTKLEIK

SEQ ID NOS 255, 371, 381 and 380
EIVMTQSPSSLSASVGDVTIAC/CDR1/WYQQKPGKAPKLLIIY/CDR2/GVPSRFSGTSGTDFALTISLQPEDSASYC/CDR3/FGQGTKLEIK

SEQ ID NOS 256, 382 and 375-376
AIRMTQSPSSVSASVGDVTIAC/CDR1/WYQQKPGTAPKLLIIY/CDR2/GVPSRFSGSGGTDFTLTISSLPEDFATYYC/CDR3/FGQGTKVDIK

SEQ ID NOS 257, 383 and 375-376
EIVMTQSPSSLSASVGDRTITC/CDR1/WYQQKPGKAPNLLIIY/CDR2/GVPSRFSGSGGTDFTLTISSLPEDFATYYC/CDR3/FGQGTKVDIK

SEQ ID NOS 258, 383, 375 and 373
ETTLTQSPSSLSASVGDITITISC/CDR1/WYQQKPGKAPNLLIIY/CDR2/GVPSRFSGSGGTDFTLTISSLPEDFATYYC/CDR3/FGQGTKVEIK

SEQ ID NOS 259, 384, 375 and 380
EIVLTQSPSSLSASVGDRTITC/CDR1/WYQQKPGKAPKVLIIY/CDR2/GVPSRFSGSGGTDFTLTISSLPEDFATYYC/CDR3/FGQGTKLEIK

SEQ ID NOS 260, 385, 375 and 373
DIQLTQSPSSLSASAGDRTITISC/CDR1/WYQQKPGKAPQLIIY/CDR2/GVPSRFSGSGGTDFTLTISSLPEDFATYYC/CDR3/FGQGTKVEIK

SEQ ID NOS 261 and 386-388
QPVLTPPSASGTPGQRTITISC/CDR1/WYQQFPGTAPKFLMY/CDR2/GVPDRFSGSKSGTSASLAISGLQSEDEADYYC/CDR3/FGTGTQLTVL

SEQ ID NOS 262, 389-390 and 388
LPVLTPPSASGTPGQRTITISC/CDR1/WYQQLPGTAPKLLIIY/CDR2/GVPDRLSGSKSGTSASLAISGLLSEDEADYYC/CDR3/FGTGTQLTVL

SEQ ID NOS 263, 389 and 391-392
QSALTQPPSVSAGPQRTITISC/CDR1/WYQQLPGTAPKLLIIY/CDR2/GVPDRFSDSKSGTSASLIGSLRSEDEADYFC/CDR3/FGTGTKVTVL

SEQ ID NOS 264, 393, 387 and 394
QSVLTQPPSASGTPGQRTITISC/CDR1/WYQQFPGTAPKVLIIY/CDR2/GVPDRFSGSKSGTSASLAISGLQSEDEADYYC/CDR3/FGTGTKLTVL

SEQ ID NOS 265, 395-396 and 394
LPVLTPPSASGTPGQRTITISC/CDR1/WYQQLPGAAPKVLMY/CDR2/GVPDRFSGSKSGTSASLAISGLRSEDEADYYC/CDR3/FGTGTKLTVL

SEQ ID NOS 266 and 397-399
QAVLTQPPSASGTPGQSVTITISC/CDR1/WYQQLPGTAPKVLIIY/CDR2/GVPDRFSGRSATSASLAISGLQSEDEADYYC/CDR3/FGAGTQLTVL

Figure 1C-cont.

SEQ ID NOS 267, 400-401 and 394
QPVLTPPPSTSGTPGQRTISC/CDR1/WYQQLPGTAPKVLMY/CDR2/GVPERFSGSKSGTSASLAISGLQSEDEADYYC/CDR3/FGTGTKLTVL

SEQ ID NOS 268, 400-401 and 394
NFMLTQPPSTSGTPGQRTISC/CDR1/WYQQLPGTAPKVLMY/CDR2/GVPERFSGSKSGTSASLAISGLQSEDEADYYC/CDR3/FGTGTKLTVL

SEQ ID NOS 269, 397, 387 and 394
QPVLTPPPSASATPGQRTISC/CDR1/WYQQLPGTAPKVLIIY/CDR2/GVPDRFSGSKSGTSASLAISGLQSEDEADYYC/CDR3/FGTGTKLTVL

Figure 1D

Amino Acid Sequences of V_H of Selected Anti-VEGF Antibodies

SEQ ID NO: 55
EVQLVESGGGLVQPGGSLRLSCAASGYTFITNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYGGSSH
WYFDVWGQGLTLTVSS

SEQ ID NO: 56
EVQLVESGGGLVQPGGSLRLSCAASGYDFTHYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYGGTSH
WYFDVWGQGLTLTVSS

SEQ ID NO: 57
EGQLVQSGGGVVQPGGSLRLSCAASGYTFITNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFRRFTFSLDTSKSTAYLQNLNLSRAEDTAVYYCAKYPHYGGSSH
WYFDVWGQGLTLTVSS

SEQ ID NO: 58
EVQLVESGGGVVQPGGSLRLSCAASGYTFITNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFRRFTFSLDTSKSTAYLQNLNLSRAEDTAVYYCAKYPHYGGSSH
WYFDVWAQGLTLTVSS

SEQ ID NO: 59
EVQLVQSGGGLVQPGGTLRLSCAASGYTFITNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFRRFTFSLDTSKNTAYLQMNSLRAEDTAVYYCAKYPHYGGSSH
WYFDVWGQGLTLTVSS

SEQ ID NO: 60
EVQLVQSGGGVVQPGGSLRLRCAASGYTFITNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFRRFTFSLDTSKSTAYLQNLNLSRAEDTAVYYCAKYPHYGGSSH
WYFDVWGQGLTLTVSS

SEQ ID NO: 61
EVQLVQSGGGVVQPGGSLRLSCAASGDFITNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFRRFTFSLDTSKSTAYLQNLNLSRAEDTAVYYCAKYPHYGGSSH
WYFDVWGQGLTLTVSS

SEQ ID NO: 62
EVQLVQSGGGVVQPGGSLRLSCAASGYALDHFGLNWIRQAPGKGLEWVGWINTYTGEPTYAADFRRFTFSLDTSKSTAYLQNLNLSRAEDTAVYYCAKYPHYGGSSH
WYFDVWGQGLTLTVSS

SEQ ID NO: 63
EVQLVQSGGGVVQPGGSLRLSCAASGYDFYNYGINWVRQAPGKGLEWVGWINTYTGEPTYAHEFTRRVTFSLDTSKSTAYLQNLNLSRAEDTAVYYCAKYPHYGGSSH
WYFDVWGQGLTLTVSS



Figure 1D-cont.

SEQ ID NO: 64

EVQLVQSGGTVVPQGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFRRRTFSLDTSKNTAYLQLNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVTVSS

SEQ ID NO: 65

EVQLVQSGGTVVPQGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFRRRTFSLDTSKNTAYLQLNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVTVSS

SEQ ID NO: 66

EVQLVQSGGTVVPQGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFRRRTFSLDTSKNTAYLQLNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVTVSS

SEQ ID NO: 67

EVQLVQSGGTVVPQGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFRRRTFSLDTSKNTAYLQLNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVTVSS

SEQ ID NO: 68

EVQLVQSGGTVVPQGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFRRRTFSLDTSKNTAYLQLNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVTVSS

SEQ ID NO: 69

EVQLVQSGGTVVPQGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFRRRTFSLDTSKNTAYLQLNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVTVSS

SEQ ID NO: 70

EVQLVQSGGTVVPQGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFRRRTFSLDTSKNTAYLQLNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVTVSS

SEQ ID NO: 71

EVQLVQSGGTVVPQGGSLRLTCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFRRRTFSLDTSKNTAYLQLNSLRAEDTAVYYCARYPHYYGSSH
WYFDVWGQGTLLTVTVSS

SEQ ID NO: 72

EVQLVQSGGTVVPQGGSLRLTCAVSGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFRRRTISRDTSKNQAYLQMNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVTVSS

Figure 1D-cont.

SEQ ID NO: 73

EVQLVQSGGTVQPGGTLRLTCAASGYTFFTNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVVSS

SEQ ID NO: 74

EVQLVQSGGTVQPGGTLRLTCAASGYTFFTNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRVTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVVSS

SEQ ID NO: 75

EVQLVQSGGTVQPGGTLRLTCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRVTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVVSS

SEQ ID NO: 76

EVQLVQSGGTVQPGGTLRLTCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRVTISLDTSKSTVYLQMNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVVSS

SEQ ID NO: 77

QVQLVESGGLVQPGGSLRLTCAASGYTFFTNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSKAYLQLNSLRAEDTAVYYCARYPHYGSSH
WYFDVWGQGTLLTVVSS

SEQ ID NO: 78

QVQLVQSGGGLVQPGGTLRLTCAVSGYTFFTNYGMNWIRQAPGKGLEWVGWINTYTGAPTYAADFKRRLTFSLDNSKNPPYLQMNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVVSS

SEQ ID NO: 79

QVQLVQSGGTVQPGGSLRLTCAASGYTFFTNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRVTFSLDNSKSTVYLQMNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVVSS

SEQ ID NO: 80

QVQLVQSGGTVQPGGSLRLTCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTISLDTSKNTAYLQLNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVVSS

SEQ ID NO: 81

QVQLVQSGGTVQPGGSLRLTCAASGYTFFTNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRVTISLDTSKSQAYLQMNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVVSS

SEQ ID NO: 82

QVQLVQSGGTVQPGGSLRLTCAASGYTFFTNYGMNWIRQAPGKGLEWVGWINTYTGEPTYAADFKRRVTISLDTSKSTAYLQLNSLRAEDTAVYYCAKYPHYGSSH
WYFDVWGQGTLLTVVSS

Figure 1D-cont.

SEQ ID NO: 83

QVQLVQSGGVSVPQGGSLRLTCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGETTYAADFKRRFTISLDTSKSQAYLQMNSLRAEDTAVYYCAKYPHYGGSSH
WYFDVWGQGTLTIVTVSS

SEQ ID NO: 84

QVQLVQSGGVSVPQGGTLRLTCAASGYTFTNYGMNWIRQAPGKGLEWVGWINTYTGETTYAADFKRRFTFSLDTSKNTAYLQMNSLRAEDTAVYYCAKYPHYGGSSH
WYFDVWGQGTLTIVTVSS

SEQ ID NO: 85

EVQLVQSGGVSVPQGGSLRLSCAASGYTFTHYGLNWLRLQAPGKGPWVGWVNTYTGETTYADEFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSHW
YFDVWGQGTLTIVTVSS

SEQ ID NO: 86

EVQLVQSGGVSVPQGGSLRLSCAASGFNFTHYGINWIRQAPGKGPWVGWINTNNGEPTYAQDFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLTIVTVSS

SEQ ID NO: 87

EVQLVQSGGVSVPQGGSLRLSCAASGYDFAHYGLNWIRQAPGKGLEWVGWVNTYTGETTYVPEFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLTIVTVSS

SEQ ID NO: 88

EVQLVQSGGVSVPQGGSLRLSCAASGYDFAHYGVNWLRLQAPGKGLEWVGWINTYTGETTYAHDFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLTIVTVSS

SEQ ID NO: 89

EVQLVQSGGVSVPQGGSLRLSCAASGYDFASFGINWIRQAPGKGLEWVGWINTYTGETTYAQDFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLTIVTVSS

SEQ ID NO: 90

EVQLVQSGGVSVPQGGSLRLSCAASGYDFDHFGINWIRQAPGKGPWVGWINTYTGETTYVDEFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLTIVTVSS

SEQ ID NO: 91

EVQLVQSGGVSVPQGGSLRLSCAASGYDFNNYGMNWIRQAPGKGPWVGWINTYNGEPTYAPDFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLTIVTVSS

Figure 1D-cont.

SEQ ID NO: 92

EVQLVQSGGTVQPGGSLRLSCAASGYDFSHEFGINWIRQAPGKGLEWVGWINTYTGETTYAHDFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 93

EVQLVQSGGTVQPGGSLRLSCAASGYDFSHEFGINWVRQAPGKGPWVGWINTYTGETTYVPEFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 94

EVQLVQSGGTVQPGGSLRLSCAASGYDFSNYGLNWVRQAPGKGPWVGWINTYTGETTYAEFTRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 95

EVQLVQSGGTVQPGGSLRLSCAASGYDFTHYGLNWIRQAPGKGPWVGWINTYTGETTYAHEFTRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 96

EVQLVQSGGTVQPGGSLRLSCAASGYNFYHYGVNWVRQAPGKGPWVGWINTYTGETTYAQEFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 97

EVQLVQSGGTVQPGGSLRLSCAASGYNFYSYGLNWVRQAPGKGPWVGWINTYTGETTYAQEFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 98

EVQLVQSGGTVQPGGSLRLSCAASGYSFHDHYGLNWVRQAPGKGLEWVGWINTYTGETTYADEFTRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 99

EVQLVQSGGTVQPGGSLRLSCAASGYTFTNYGMNWIRQAPGKGLEWVGWINTYTGETTYAADFTRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 100

EVQLVQSGGTVQPGGSLRLSCAASGYTFTNYGMNWIRQAPGKGLEWVGWINTYTGETTYAADFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 101

EVQLVQSGGTVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGETTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLVTVSS

Figure 1D-cont.

SEQ ID NO:102
EVQLVQSGGVLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLLTVSS

SEQ ID NO:103
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYYGTSH
WYFDVWGQGTLLTVSS

SEQ ID NO:104
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYGRSH
WYFDVWGQGTLLTVSS

SEQ ID NO:105
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLLTVSS

SEQ ID NO:106
EVQLVQSGGVLVQPGGSLRLSCAASGYDFTHFGLNWIRQAPGKGPWVGWINTYTGEPTYAQDFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLLTVSS

SEQ ID NO:107
EVQLVQSGGVLVQPGGSLRLSCAASGYDLSHYGLNWIRQAPGKGPWVGWINTYTGEPTYAPDFRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLLTVSS

SEQ ID NO:108
EVQLVQSGGVLVQPGGSLRLSCAASGYNFSHFGLNWLRLQAPGKGLEWVGWINTYNGETTYAPDFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLLTVSS

SEQ ID NO:109
EVQLVQSGGVLVQPGGSLRLSCAASGYNFSHFGLNWLRLQAPGKGPWVGWINTYTGEPTYAPEFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLLTVSS

SEQ ID NO:110
EVQLVQSGGVLVQPGGSLRLSCAASGYDFTHFGLNWVRQAPGKGLEWVGWNTYTGETTYAHEFKRRVTFSLDTSKSTAYLQLNSLRAEDTAVYYCAKYPYYGRSH
WYFDVWGQGTLLTVSS

Figure 1D-cont.

SEQ ID NO: 283
EIQLVQSGPELKQPGETVRISCKASGYTFTNYGMNWVKQAPGKGLKWMGWINTYTGEPTYAADFKRRFTFSLETSATAYLQISNLKNDDTATYFCAKYPHYGGSSH
WYFDVWGAGTTVTVSS

SEQ ID NO: 285
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAHSRHHYGSSE
QYFDV WGGTLLVTVSS

SEQ ID NO: 286
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYGYGGSSH
WYFDVWGQGTLLVTVSS

SEQ ID NO: 287
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYYGASH
WYFDVWGQGTLLVTVSS

SEQ ID NO: 288
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYGGCH
WYFDVWGQGTLLVTVSS

SEQ ID NO: 289
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYGGSH
WYFDVWGQGTLLVTVSS

SEQ ID NO: 290
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYGGYN
QYFDVWGQGTLLVTVSS

SEQ ID NO: 291
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYGRSH
WYFDVWGQGTLLVTVSS

SEQ ID NO: 293
EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYGRSQ
WYLDVWGQGTLLVTVSS

Figure 1D-cont.

SEQ ID NO: 294
EVQLVESGGGLVQPGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYYSRTC
QYFDVWGQGTLVTVSS

SEQ ID NO: 295
EVQLVESGGGLVQPGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYYSSSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 296
EVQLVESGGGLVQPGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPFYGSSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 297
EVQLVESGGGLVQPGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYHGGSSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 298
EVQLVESGGGLVQPGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYNGSSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 299
EVQLVESGGGLVQPGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYNSTSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 300
EVQLVESGGGLVQPGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYSGTSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 301
EVQLVESGGGLVQPGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYISGTSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 302
EVQLVESGGGLVQPGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYIYGRSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 303
EVQLVESGGGLVQPGGSLRLSCAASGYTFFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYIYGGSSH
WYFDVWGQGTLVTVSS

Figure 1D-cont.

SEQ ID NO: 304

EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYYGSSS
WYFDVWGQGTLVTVSS

SEQ ID NO: 305

EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPYYSTSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 306

EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYRDFNGSSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 307

EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYSYYGSSH
WYFDVWGQGTLVTVSS

SEQ ID NO: 308

EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCARARHYGSSH
CYFDLWGQGTLVTVSS

SEQ ID NO: 309

EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCARDSHYYGSSH
QYFDLWGQGTLVTVSS

SEQ ID NO: 310

EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVRQAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTAYLQMNSLRAEDTAVYYCAKYPHYGTSH
WYFDVWGQGTLVTVSS

Figure 1D-cont.

Amino Acid Sequences of V_H/CDR1 of Selected Anti-VEGF Antibodies

SEQ ID NO:111	GFDFTNYGMM
SEQ ID NO:112	GYFTNMGMM
SEQ ID NO:113	GYSLDHYGMM
SEQ ID NO:114	GYALDHFGLN
SEQ ID NO:115	GYDFYNYGIN
SEQ ID NO:116	GYFTNMGMM
SEQ ID NO:117	GYSFDPHYGLN
SEQ ID NO:118	GYDFSNYGLN
SEQ ID NO:119	GYDFSHPFGIN
SEQ ID NO:120	GYDFAHYGVN
SEQ ID NO:121	GYDFDPHFGIN
SEQ ID NO:122	GYDFNNYGMM
SEQ ID NO:123	GYDFASFGIN
SEQ ID NO:124	GFNFTHYGIN
SEQ ID NO:125	GYDFAHYGLN
SEQ ID NO:126	GYNFYHYGVN
SEQ ID NO:127	GYDFTHYGLN
SEQ ID NO:128	GYNFYSYGLN
SEQ ID NO:129	GYDFSHPFGIN
SEQ ID NO:130	GYTFTHYGLN
SEQ ID NO:131	GYDFTHFGLN
SEQ ID NO:132	GYDLSHYGLN
SEQ ID NO:133	GYNFSHPFGLN
SEQ ID NO:134	GYNFSHPFGLN
SEQ ID NO:135	GYDFTHFGLN

Figure 1D-cont.

Amino Acid Sequences of V_H/CDR2 of Selected Anti-VEGF Antibodies

SEQ ID NO: 136	WINTYTGEPTYAHEFTR
SEQ ID NO: 137	WINTYTGEPTYAADFTR
SEQ ID NO: 138	WINTYTGEPTYADEFTR
SEQ ID NO: 139	WINTYTGEPTYAEFTR
SEQ ID NO: 140	WINTYTGETTYVPEFTR
SEQ ID NO: 141	WINTYTGETTYAHDFKR
SEQ ID NO: 142	WINTYTGEPTYVDFKR
SEQ ID NO: 143	WINTYNGEPTYAPDFKR
SEQ ID NO: 144	WINTYTGESTYQAQDFKR
SEQ ID NO: 145	WINTNNGEPTYQAQDFKR
SEQ ID NO: 146	WVNTYTGESTYVPEFKR
SEQ ID NO: 147	WVNTYTGETTYAQEFKR
SEQ ID NO: 148	WINTYTGETTYAHEFTR
SEQ ID NO: 149	WINTYTGEPTYAQEFKR
SEQ ID NO: 150	WINTYTGETTYAHDFKR
SEQ ID NO: 151	WVNTYTGETTYADEFKR
SEQ ID NO: 152	WINTYTGEPTYAQDFKR
SEQ ID NO: 153	WINTYTGEPTYAPDFTR
SEQ ID NO: 154	WINTYNGEPTYAPDFKR
SEQ ID NO: 155	WINTYTGEPTYAPEFKR
SEQ ID NO: 156	WVNTYTGETTYAHEFKR

Figure 1D-cont.

Amino Acid Sequences of V_H/CDR3 of Selected Anti-VEGF Antibodies

SEQ ID NO: 311	CAHSRHHYGGSSPQYFDV
SEQ ID NO: 312	CAKYGYYYGSSSHWYFDV
SEQ ID NO: 313	CAKYPHYYYGASHWYFDV
SEQ ID NO: 314	CAKYPHYYYGGCHWYFDV
SEQ ID NO: 315	CAKYPHYYYGGSHWYFDV
SEQ ID NO: 316	CAKYPHYYYGGYNQYFDV
SEQ ID NO: 317	CAKYPHYYYGRSHWYFDV
SEQ ID NO: 318	CAKYPHYYYGRSQWYLDV
SEQ ID NO: 319	CAKYPHYYSRTCQYFDV
SEQ ID NO: 320	CAKYPHYYYSSSHWYFDV
SEQ ID NO: 321	CAKYPYFYGSSSHWYFDV
SEQ ID NO: 322	CAKYPYYHGSSSHWYFDV
SEQ ID NO: 323	CAKYPYYNGSSSHWYFDV
SEQ ID NO: 324	CAKYPYYNSTSHWYFDV
SEQ ID NO: 325	CAKYPYYSGTSHWYFDV
SEQ ID NO: 326	CAKYPYYSGTSHWYFDY
SEQ ID NO: 327	CAKYPYYYGRSHWYFDV
SEQ ID NO: 328	CAKYPYYYGSSSHWYFDV
SEQ ID NO: 329	CAKYPYYYGSSSSWYFDV
SEQ ID NO: 330	CAKYPYYYSTSHWYFDV
SEQ ID NO: 331	CAKYRDFNGSSSHWYFDV
SEQ ID NO: 332	CAKYSYYYGSSSHWYFDV
SEQ ID NO: 333	CARARHHYGGSSHCYFDL
SEQ ID NO: 334	CARDSHYYGSSHQYFDL
SEQ ID NO: 335	CAKYPHYYYGTSHWYFDV
SEQ ID NO: 336	CAKYPHYYYGSSSHWYFDV
SEQ ID NO: 337	CAKYPYYYYGTSHWYFDV

Figure 1D-cont.

Amino Acid Sequences of V_H/FRs of Selected Anti-VEGF Antibodies

SEQ ID NOS 157 and 402-404
EVQLVQSGGGVVPGGSLRLSCAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RFTFSLDTSKSTAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 158, 402, 405 and 404
EVQLVQSGGGVVPGGSLRLSCAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RFTFSLDTSKNTAYLQNLNLSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 159, 406-407 and 404
EVQLVQSGGGVVPGGSLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTISLDNSKSTVYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 160, 406, 408 and 404
EVQLVQSGGGVVPGGSLRLTCAVS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTISRDTSKNQAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 161, 406, 409 and 404
EVQLVQSGGGVVPGGSLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTFSLDTSKSTAYLQNLNLSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 162, 402, 410 and 404
QVQLVQSGGGVVPGGSLRLTCAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RFTISLDTSKSQAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 163, 402, 411 and 404
EVQLVQSGGGVVPGGTLRLTCAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RVTFSLDTSKSTAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 270, 406 and 412-413
EVQLVESGGGVVPGGSLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTISLDNSKSQAYLQMNSLRAEDTAVYYCA/CDR3/WAQGTLVTVSS

SEQ ID NOS 271, 406, 414 and 404
EVQLVQSGGGLVPPGGTLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTFSLDTSKNTAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 272, 406, 409 and 404
EVQLVQSGGGVVPGGSLRLRCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTFSLDTSKSTAYLQNLNLSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 273, 406, 405 and 404
EVQLVQSGGGVVPGGSLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTFSLDTSKNTAYLQNLNLSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

SEQ ID NOS 274, 406, 409 and 404
EVQLVQSGGGVVPGGTLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTFSLDTSKSTAYLQNLNLSLRAEDTAVYYCA/CDR3/WGQGTLVTVSS

Figure 1D-cont.

SEQ ID NOS 275, 406, 411 and 404
EVQLVQSGGTVQPGGTLRLTCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTFSLDTSKSTAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTILVTVSS

SEQ ID NOS 276, 402, 415 and 404
EVQLVQSGGTVQPGGTLRLTCAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RVTISLDTSKSTVYLQMNSLRAEDTAVYYCA/CDR3/WGQGTILVTVSS

SEQ ID NOS 277, 406, 416 and 404
QVQLVQSGGTVQPGGSLRLTCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTFSLDTSKSKAYLQLNSLRAEDTAVYYCA/CDR3/WGQGTILVTVSS

SEQ ID NOS 278, 406, 417 and 404
QVQLVQSGGTVQPGGSLRLSCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTFSLDTSKSTVYLQMNSLRAEDTAVYYCA/CDR3/WGQGTILVTVSS

SEQ ID NOS 279, 402, 418 and 404
QVQLVQSGGTVQPGGSLRLSCAAS/CDR1/WVRQAPGKGLEWVG/CDR2/RFTISLDTSKNTAYLQLNSLRAEDTAVYYCA/CDR3/WGQGTILVTVSS

SEQ ID NOS 280, 406, 419 and 404
QVQLVQSGGTVQPGGSLRLTCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTISLDTSKSQAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTILVTVSS

SEQ ID NOS 281, 406, 420 and 404
QVQLVQSGGTVQPGGSLRLTCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RVTISLDTSKSTAYLQLNSLRAEDTAVYYCA/CDR3/WGQGTILVTVSS

SEQ ID NOS 282, 406, 414 and 404
QVQLVQSGGTVQPGGTLRLTCAAS/CDR1/WIRQAPGKGLEWVG/CDR2/RFTFSLDTSKNTAYLQMNSLRAEDTAVYYCA/CDR3/WGQGTILVTVSS